



# Standard CSP

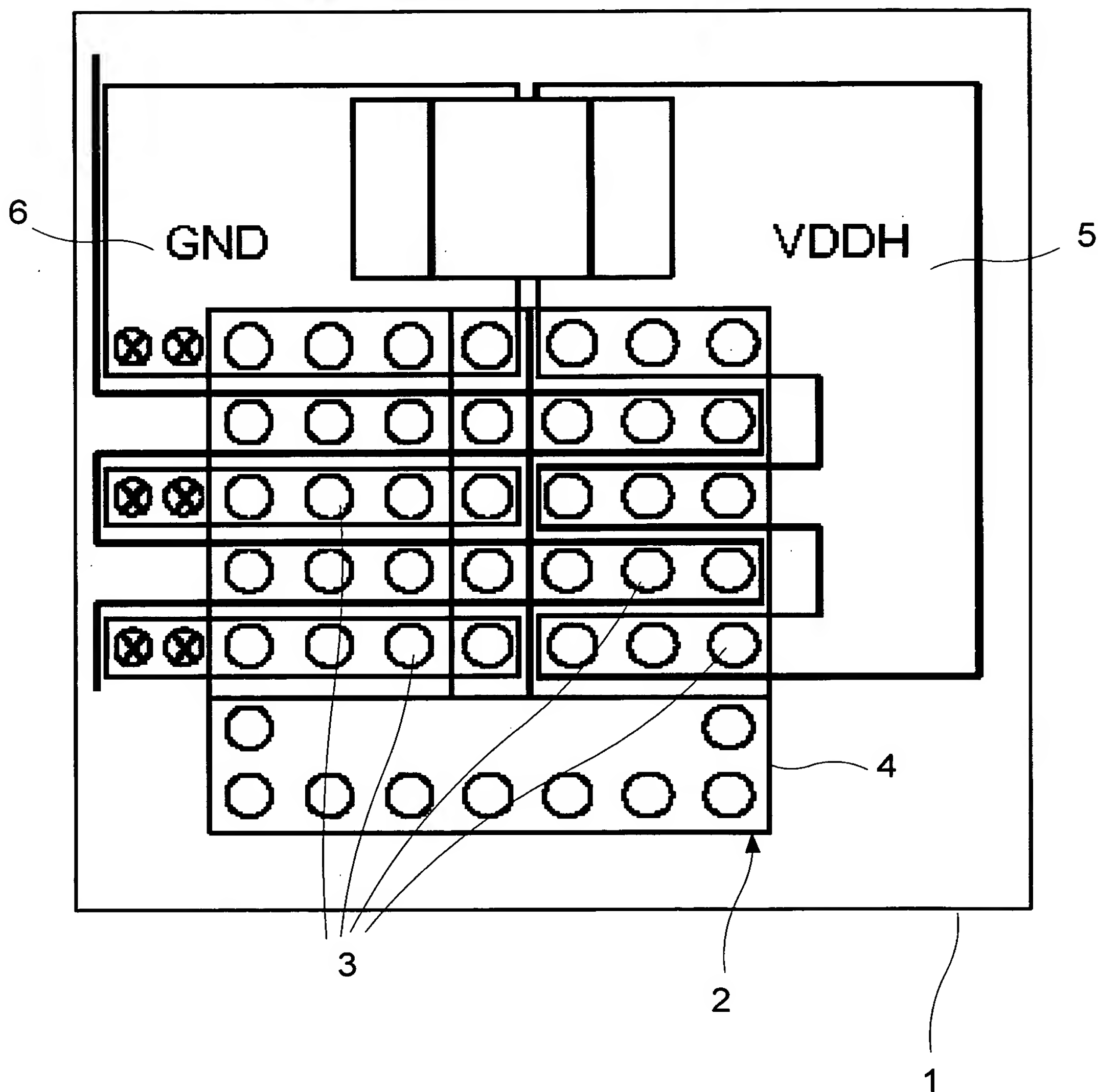


FIG. 1  
(Prior Art)

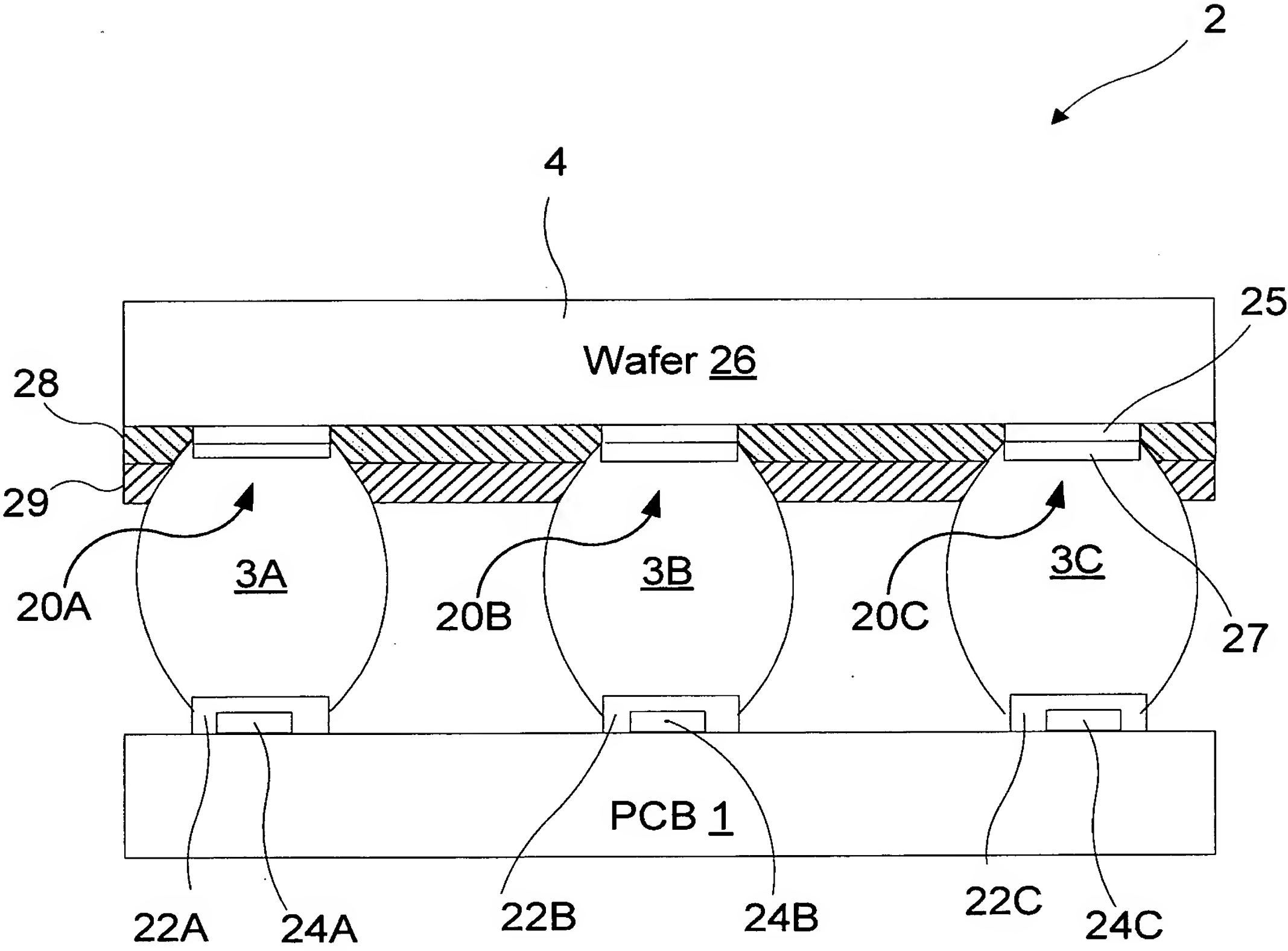


FIG. 2  
(Prior Art)

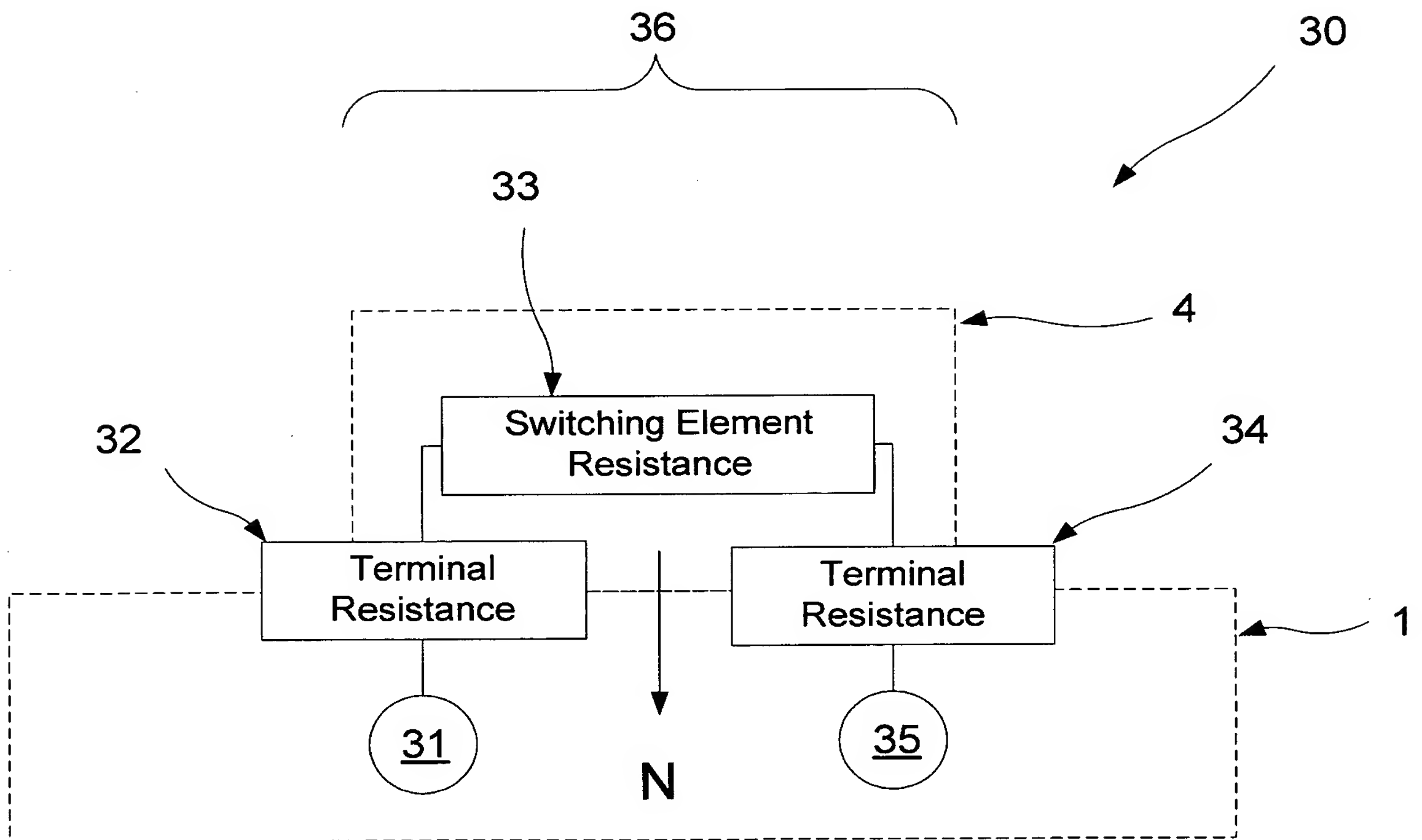


FIG. 3

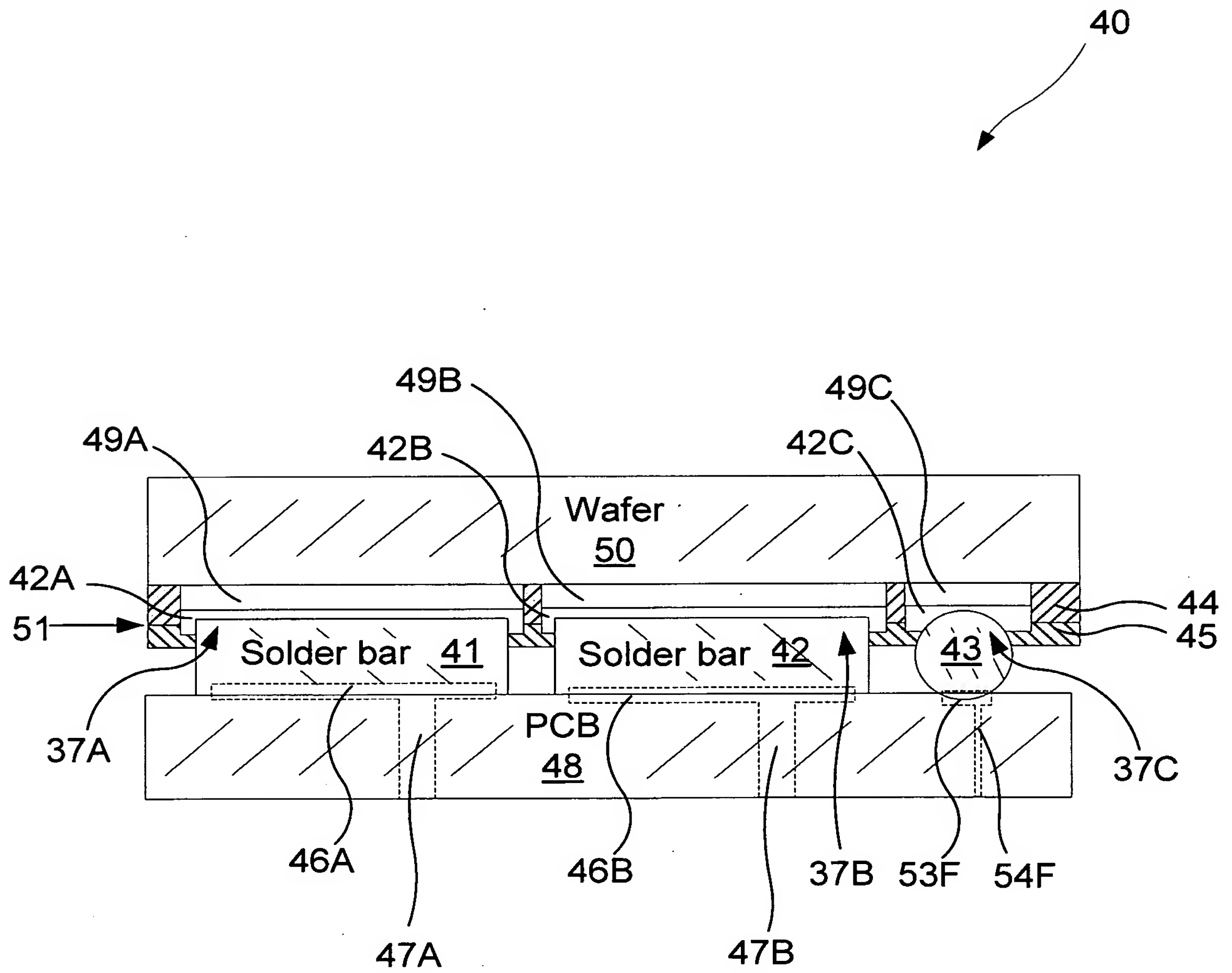


FIG. 4

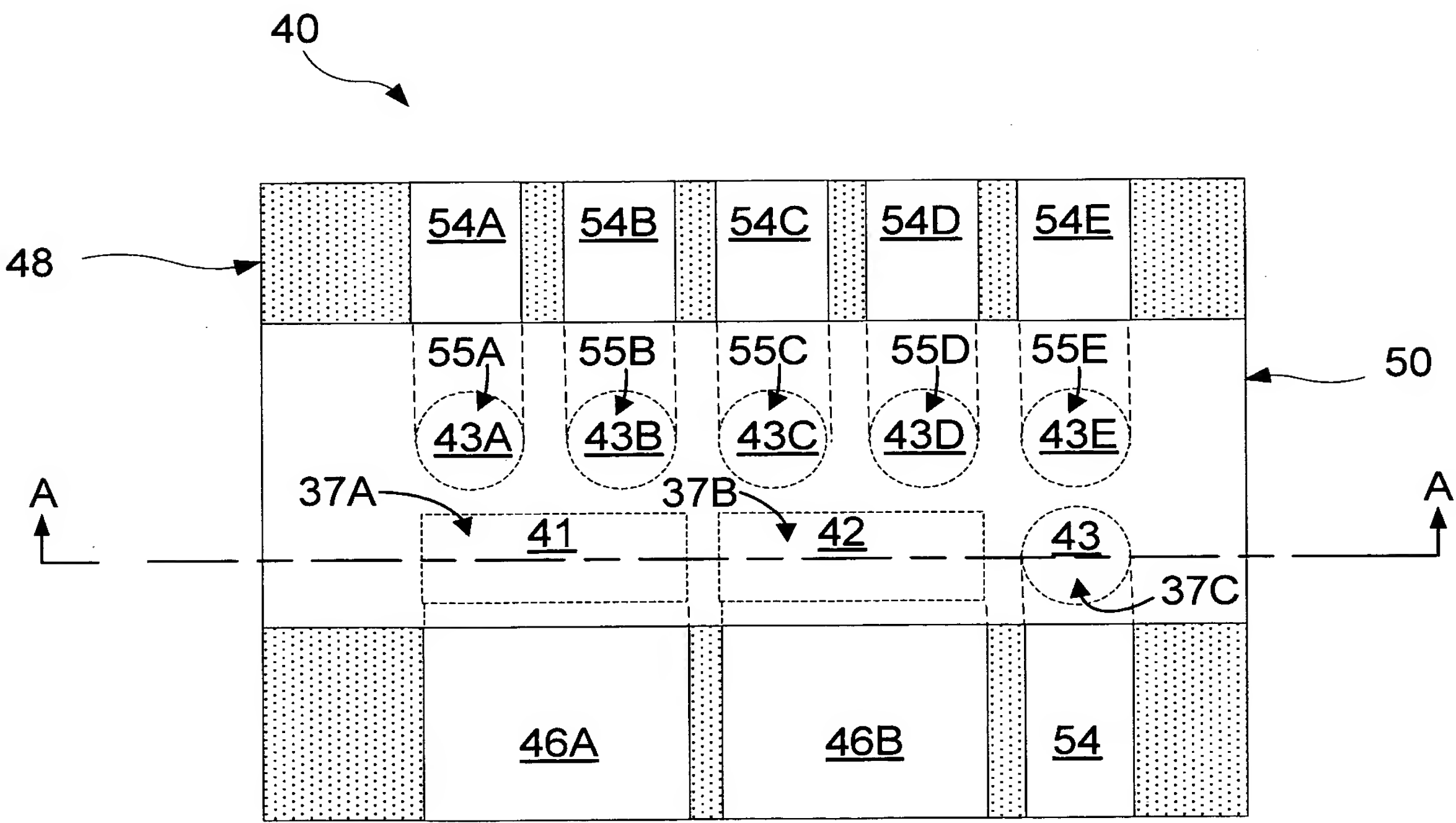
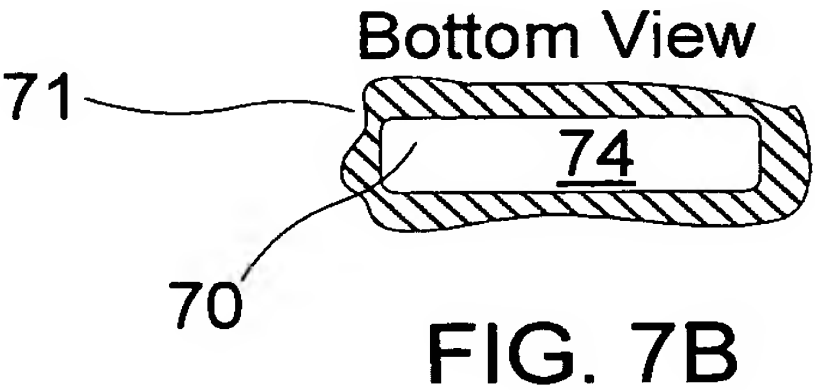
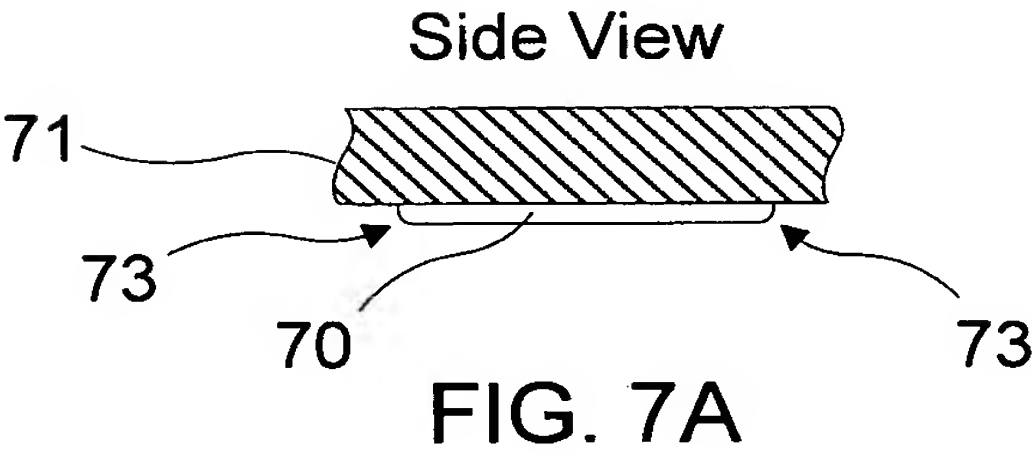
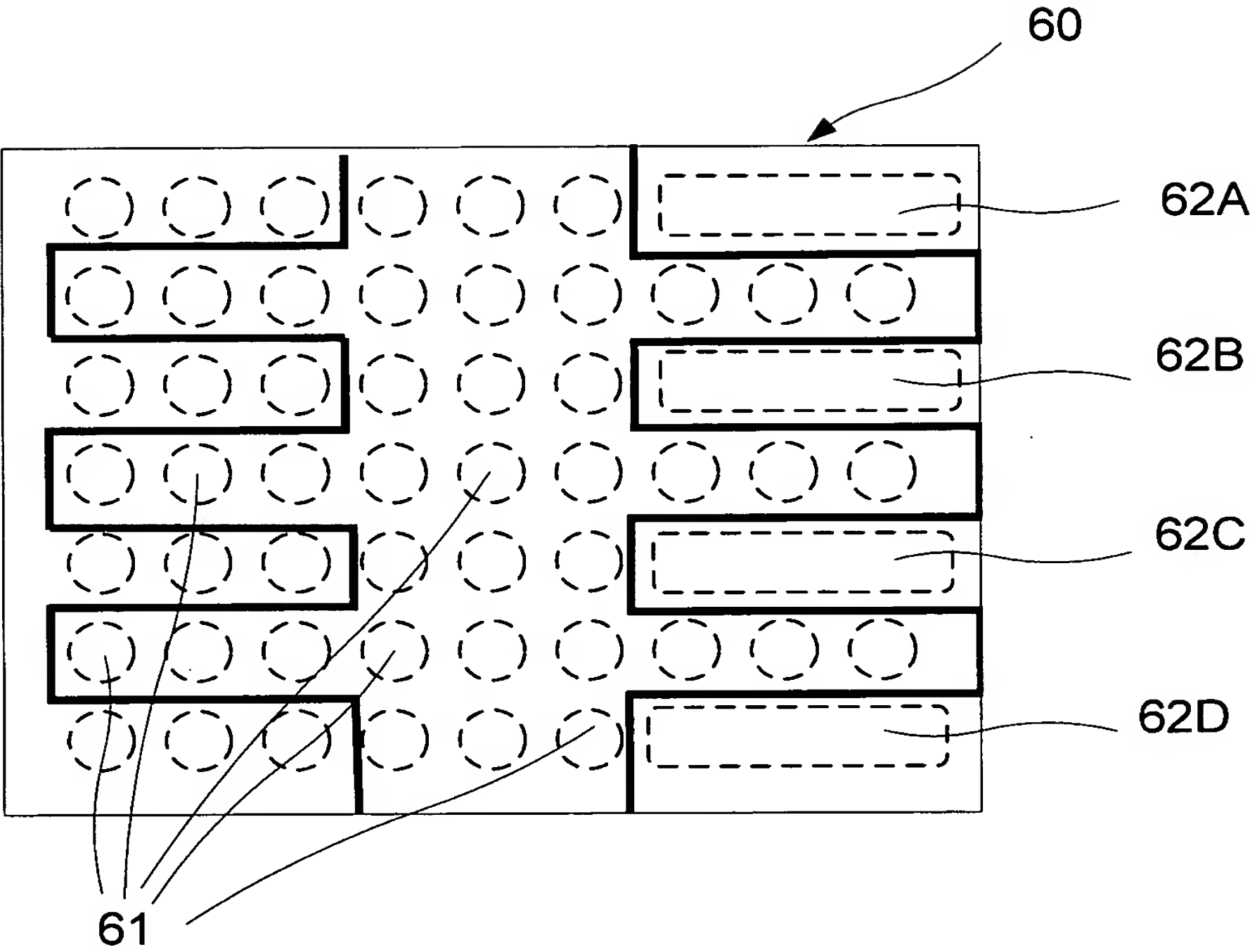


FIG. 5

FIG. 6



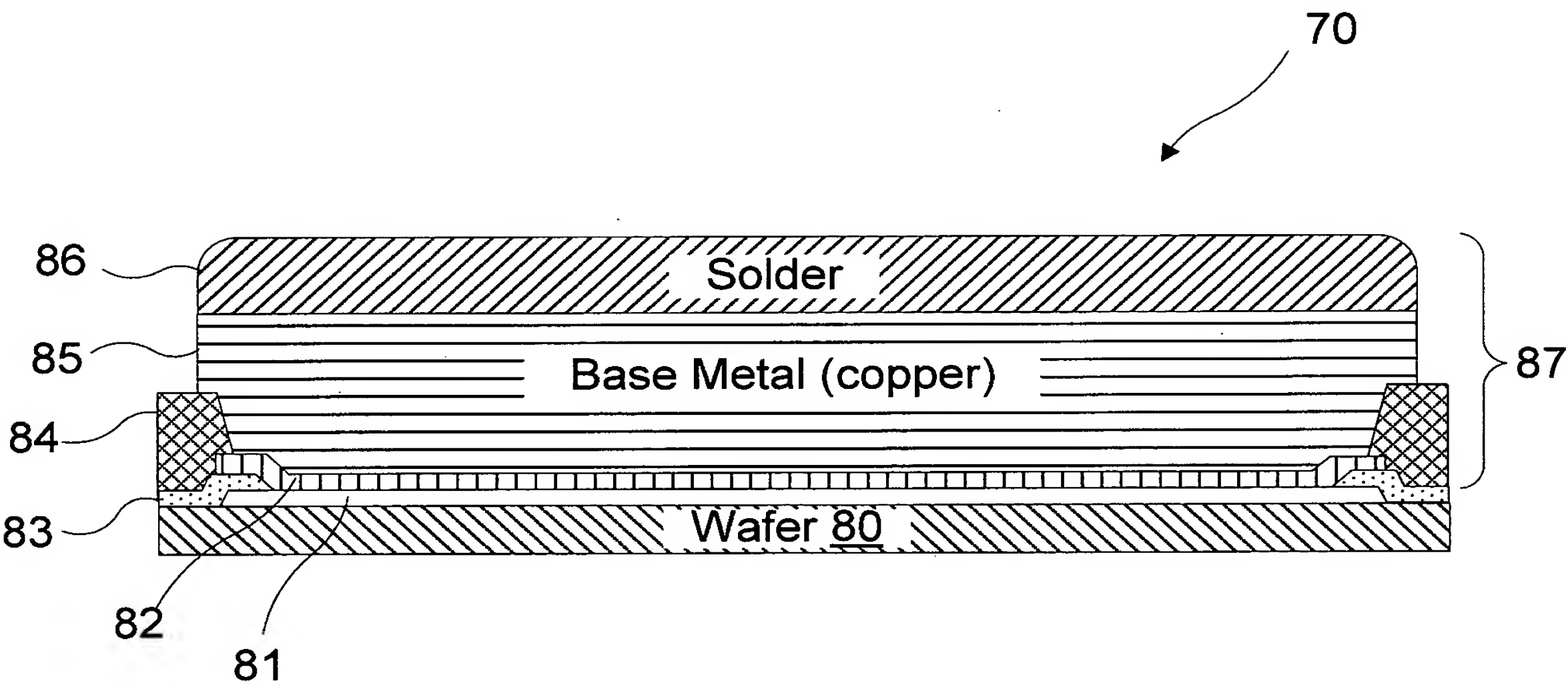


FIG. 8

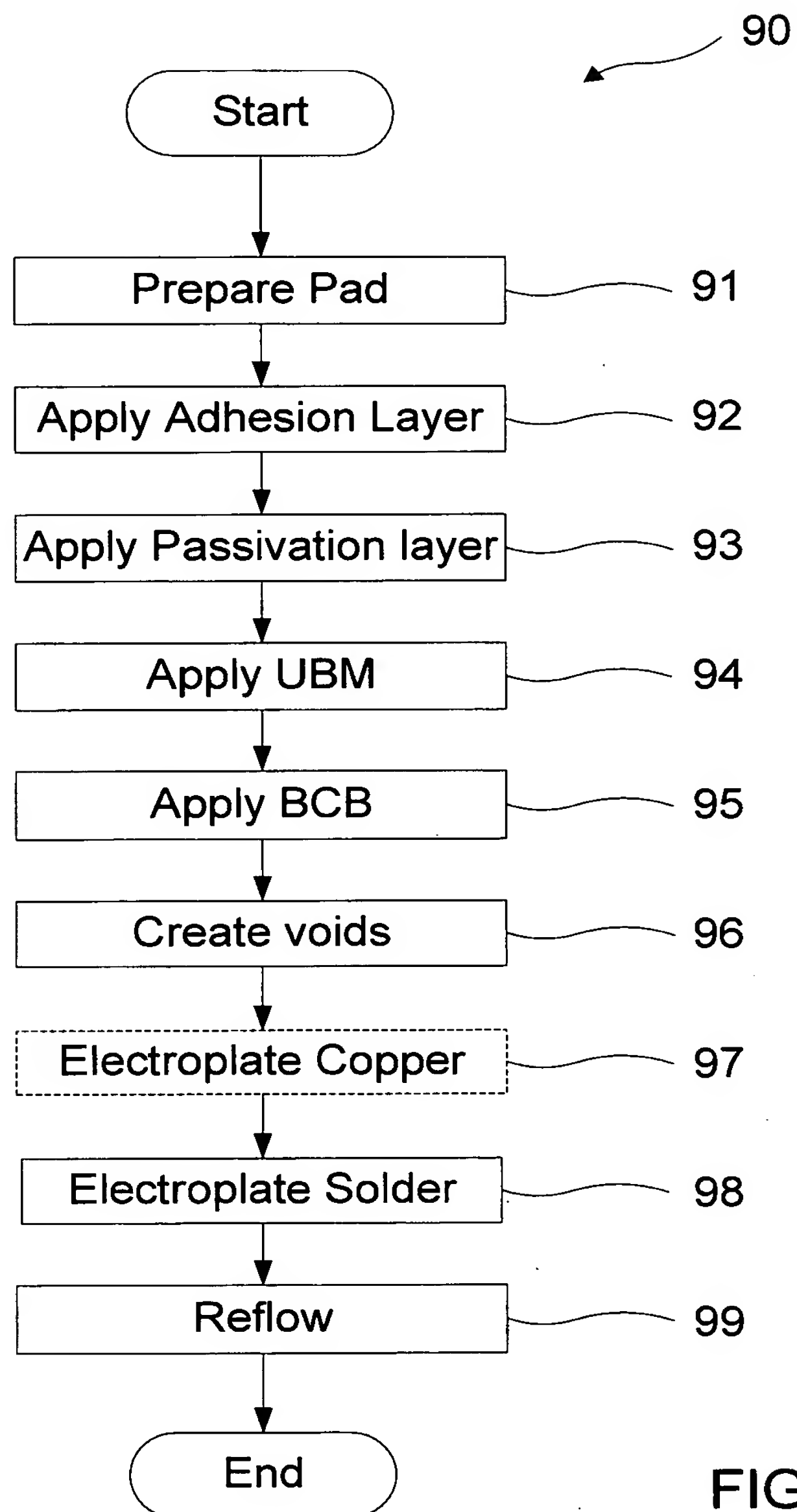


FIG. 9



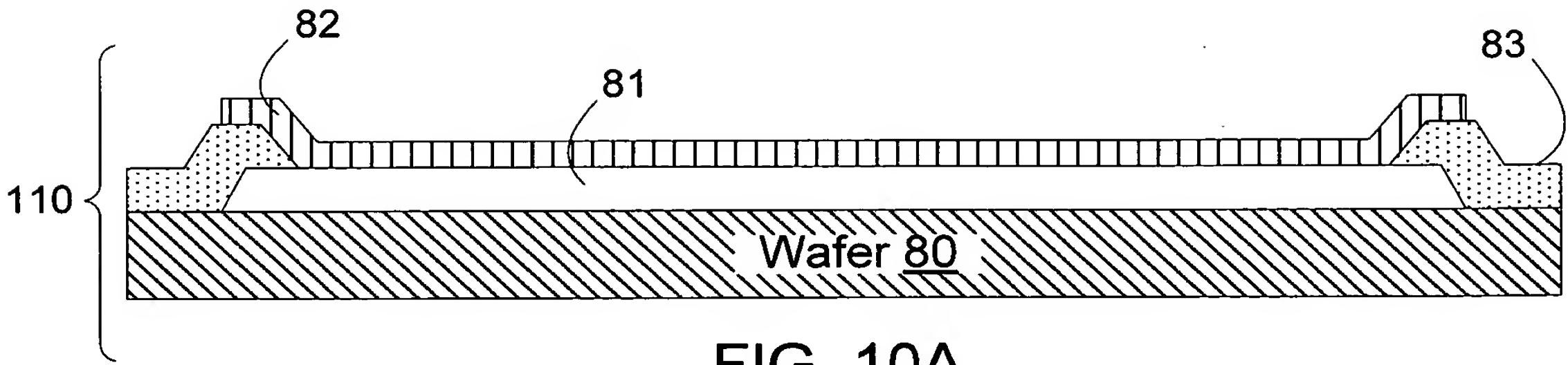


FIG. 10A

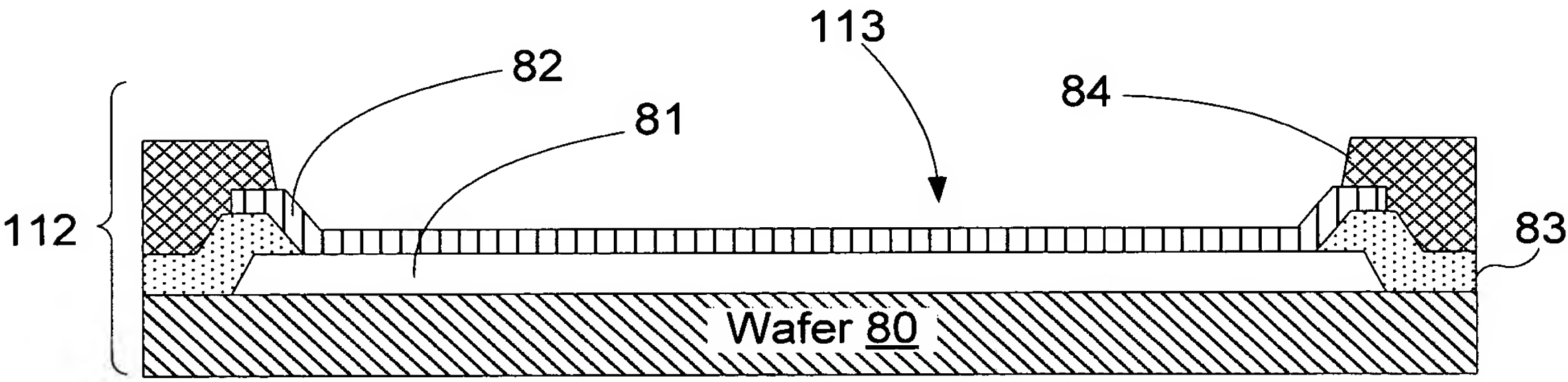


FIG. 10B

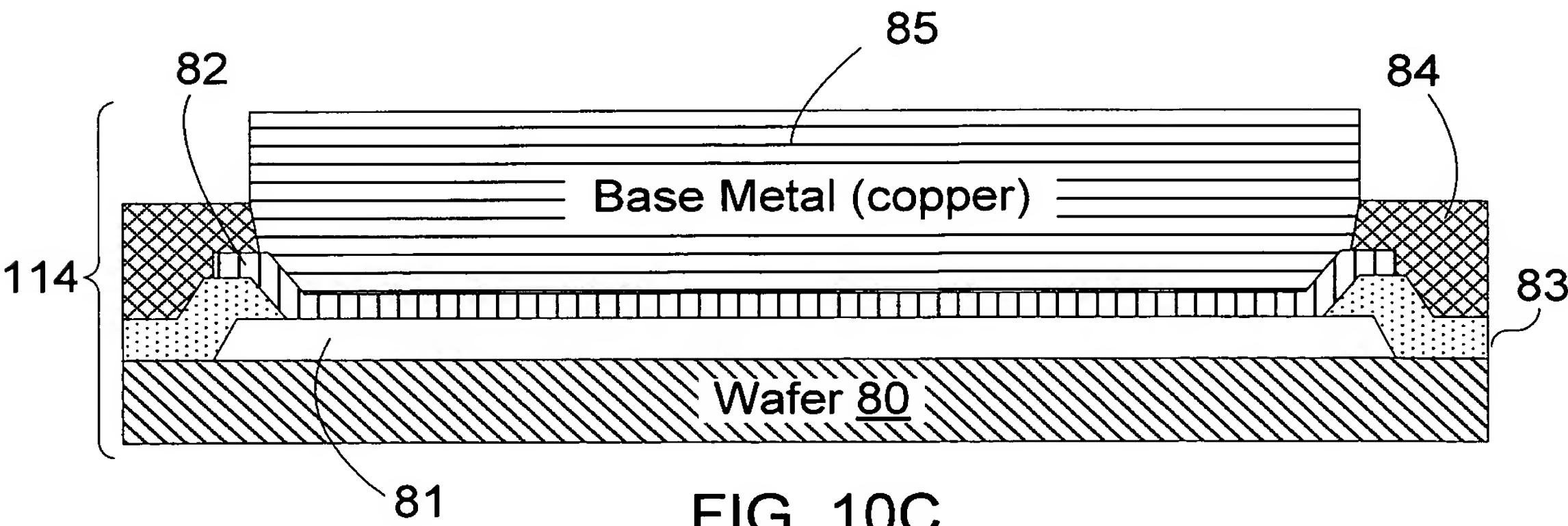


FIG. 10C

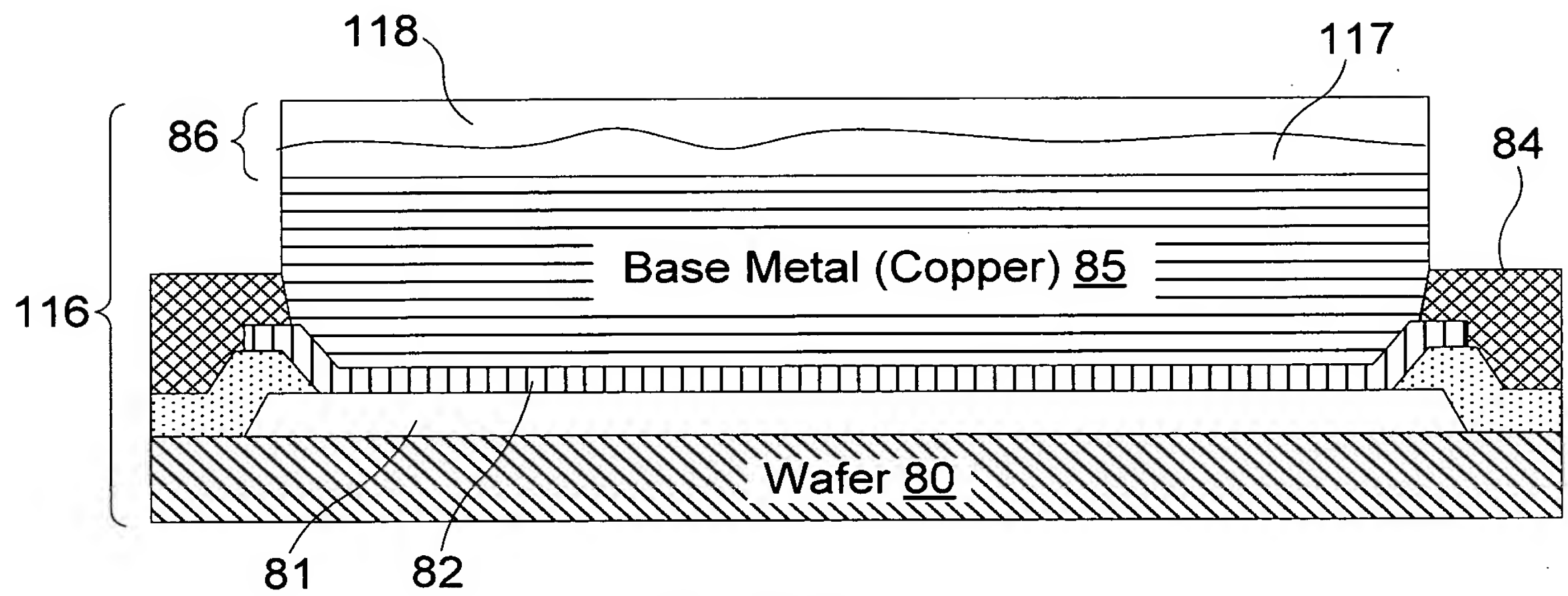


FIG. 10D

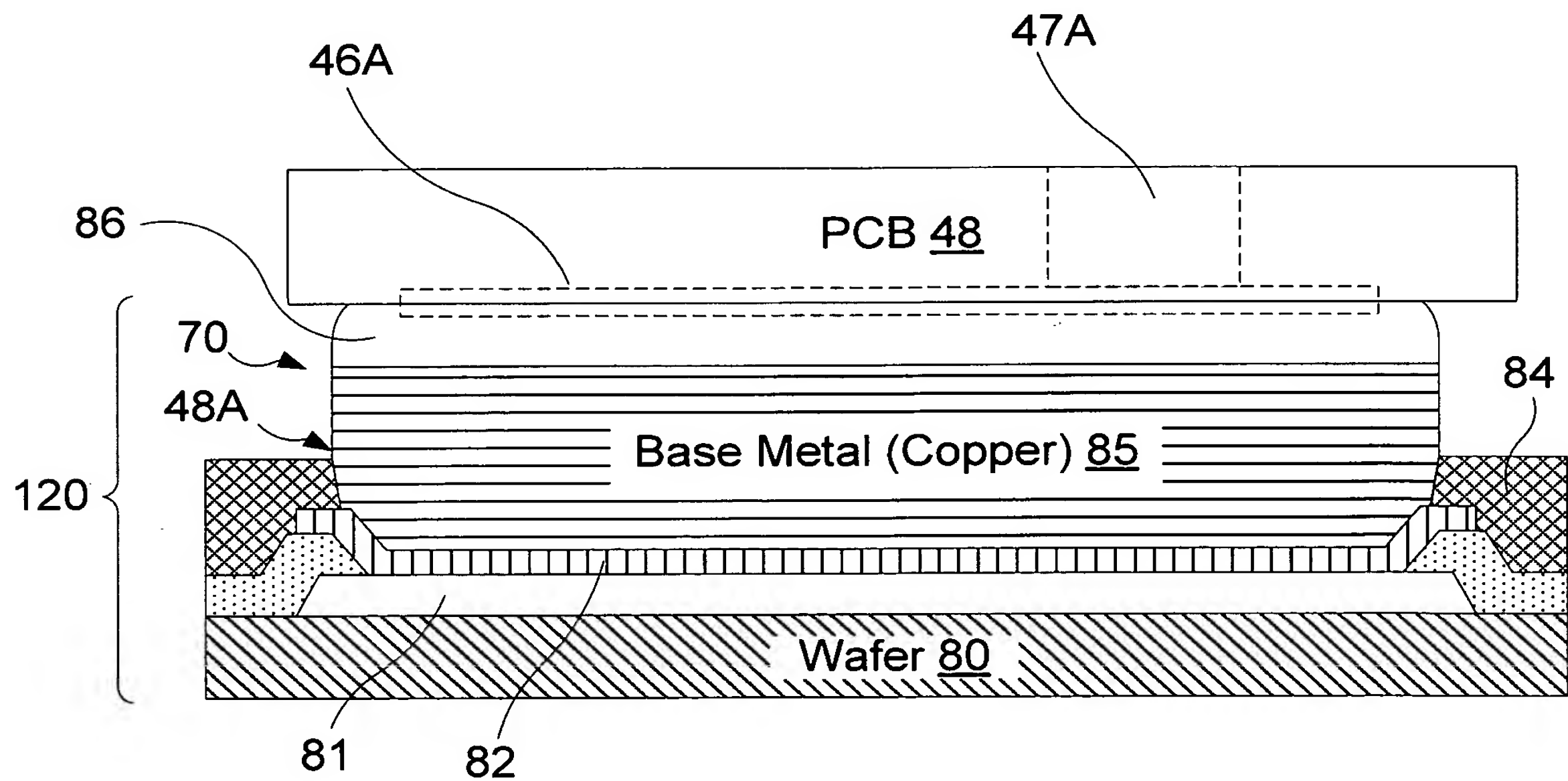


FIG. 10E

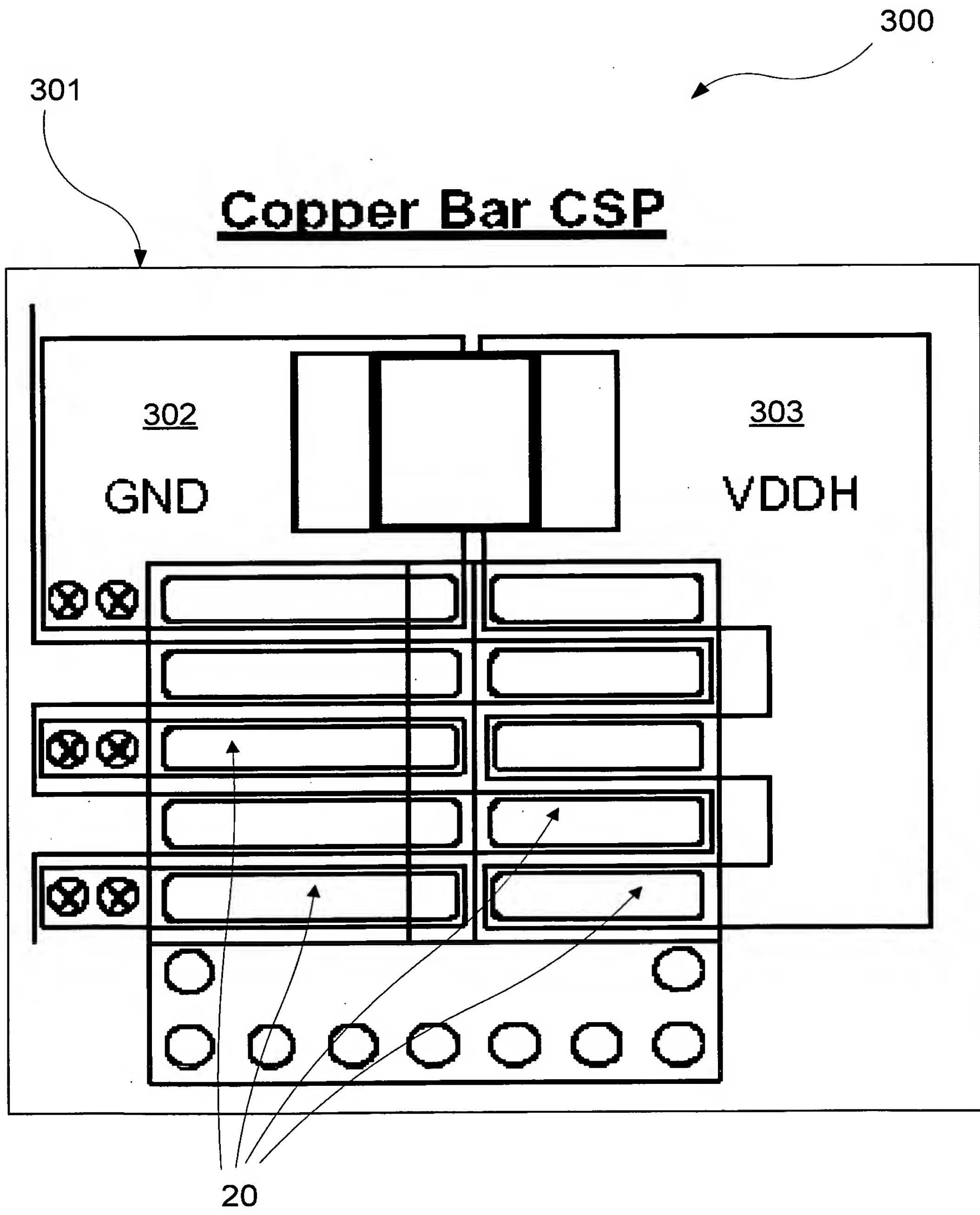


FIG. 11

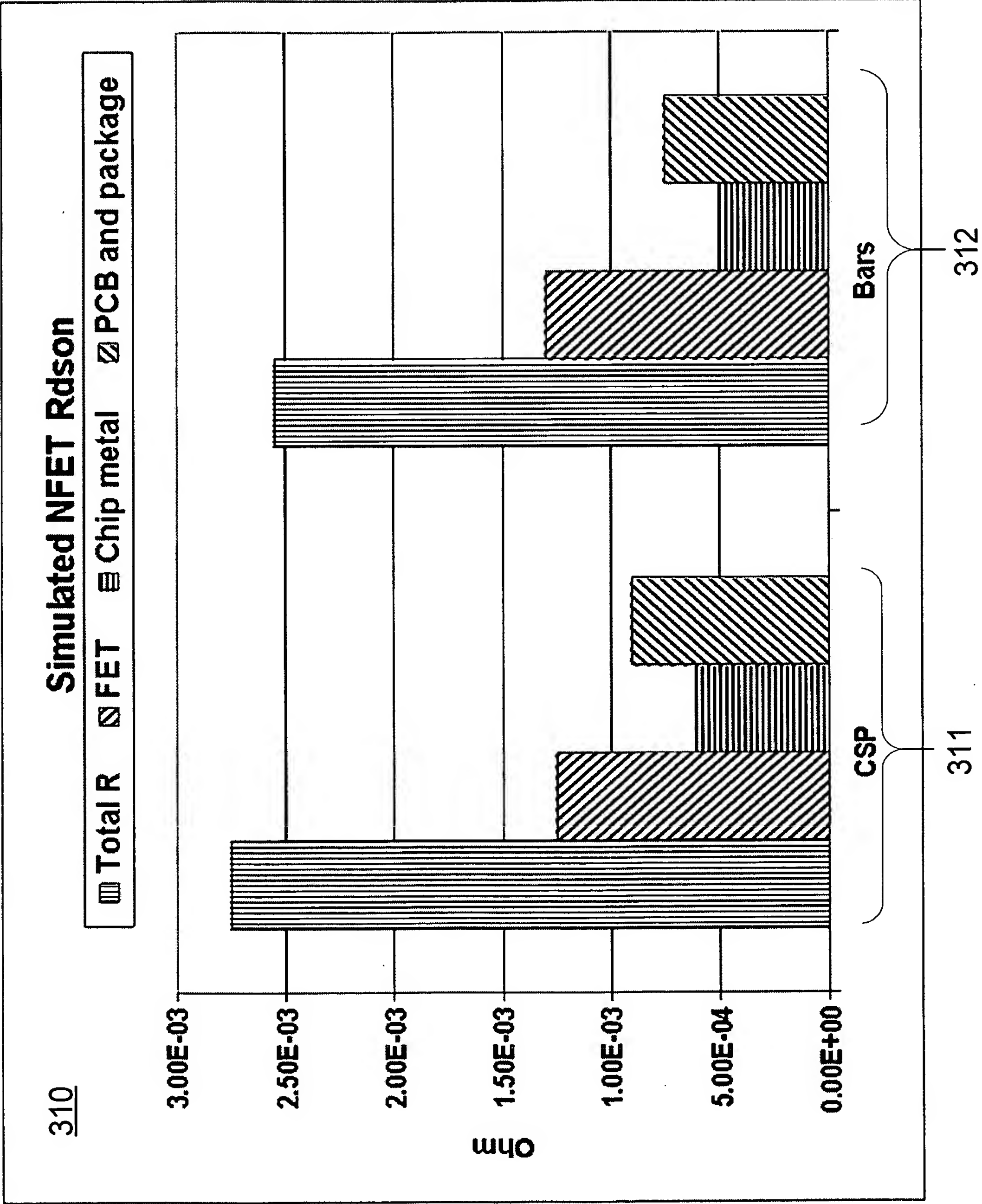
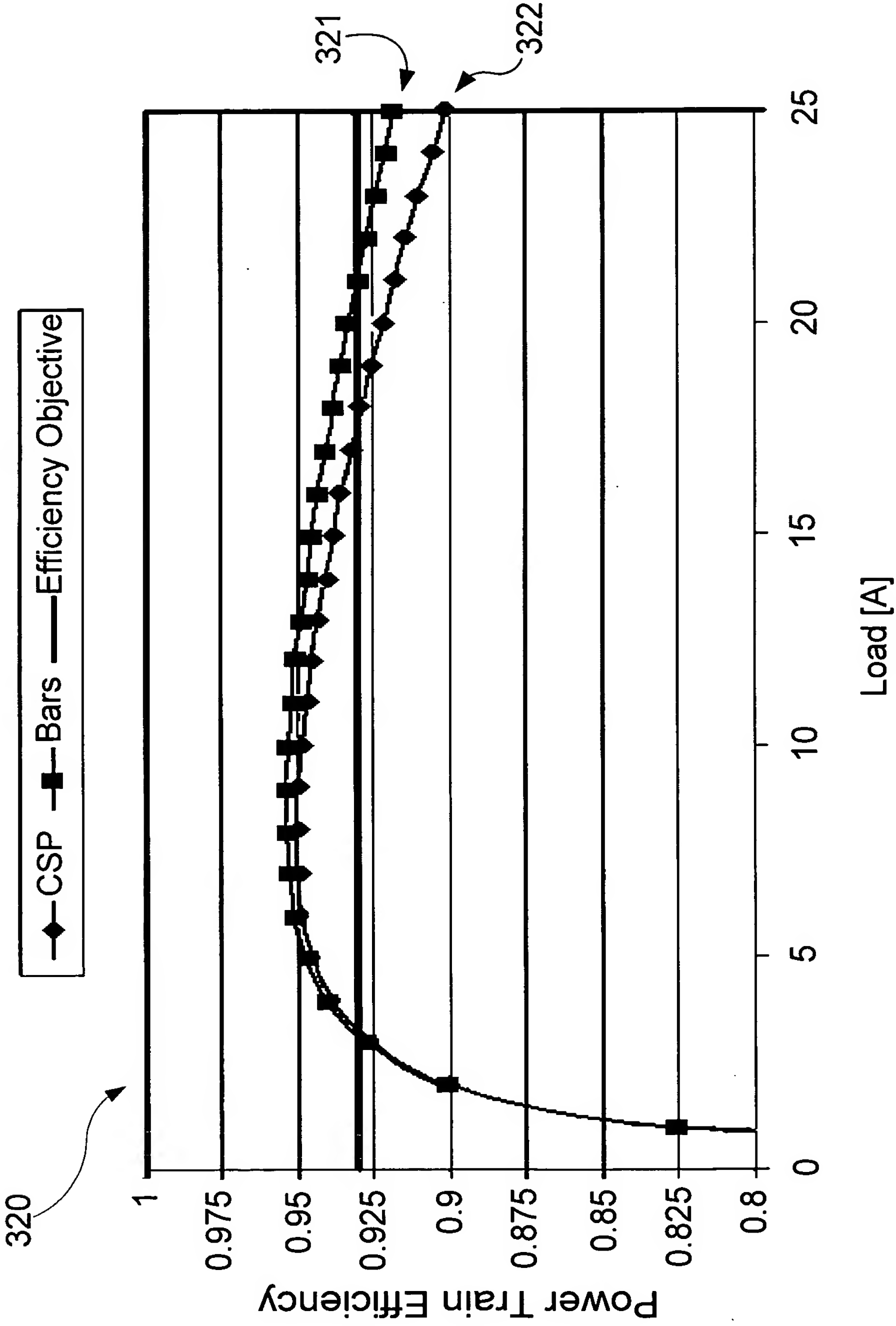
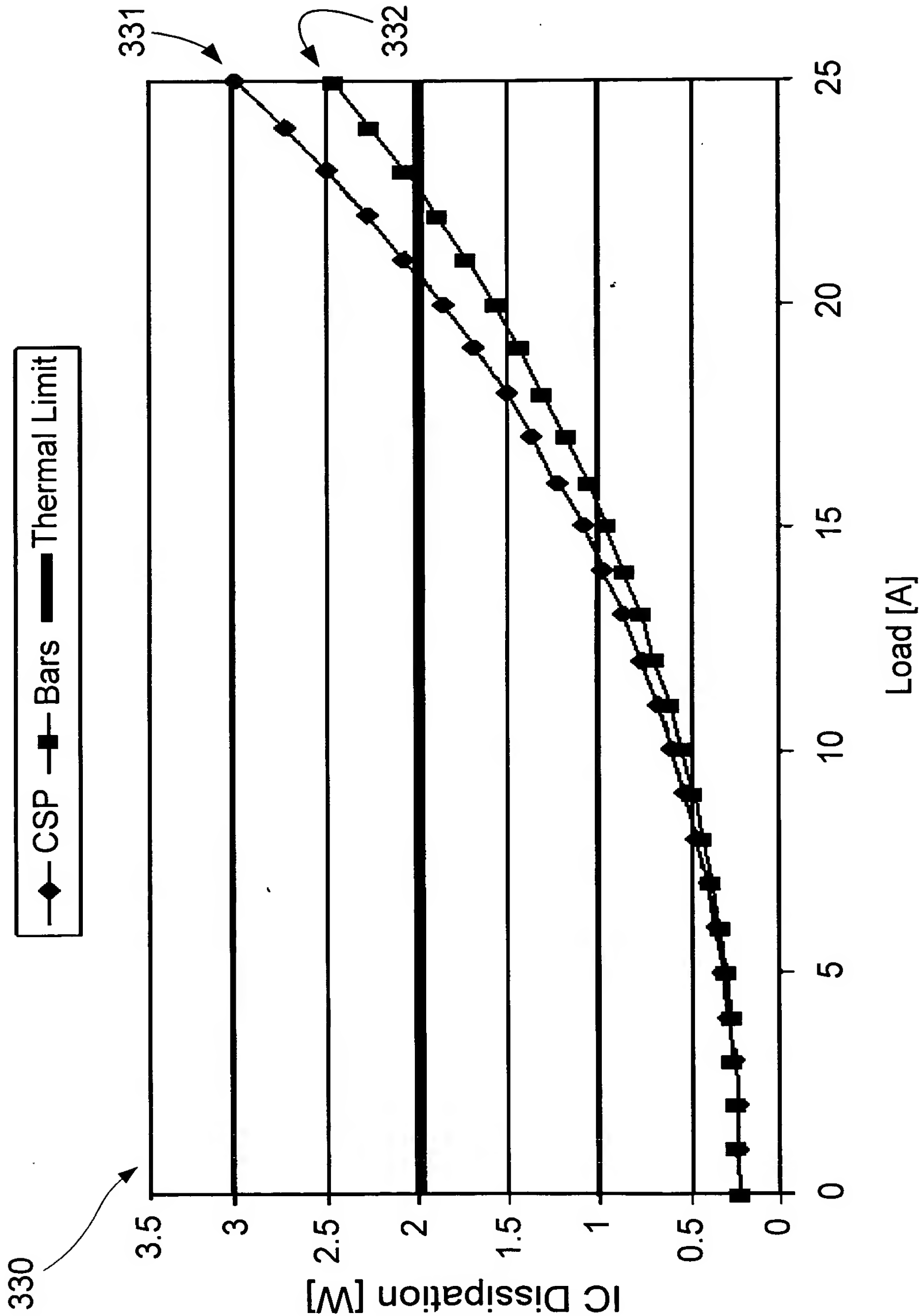


FIG. 12      Solder bar gives 10 – 15% improvement in Rdson over CSP



- 1.6% higher efficiency at 25A
- 3.5A more current (20%) at 93% efficiency

FIG. 13



- 550mW (18%) savings at 25A
- 2A more current (10%) at 2W dissipation

FIG. 14